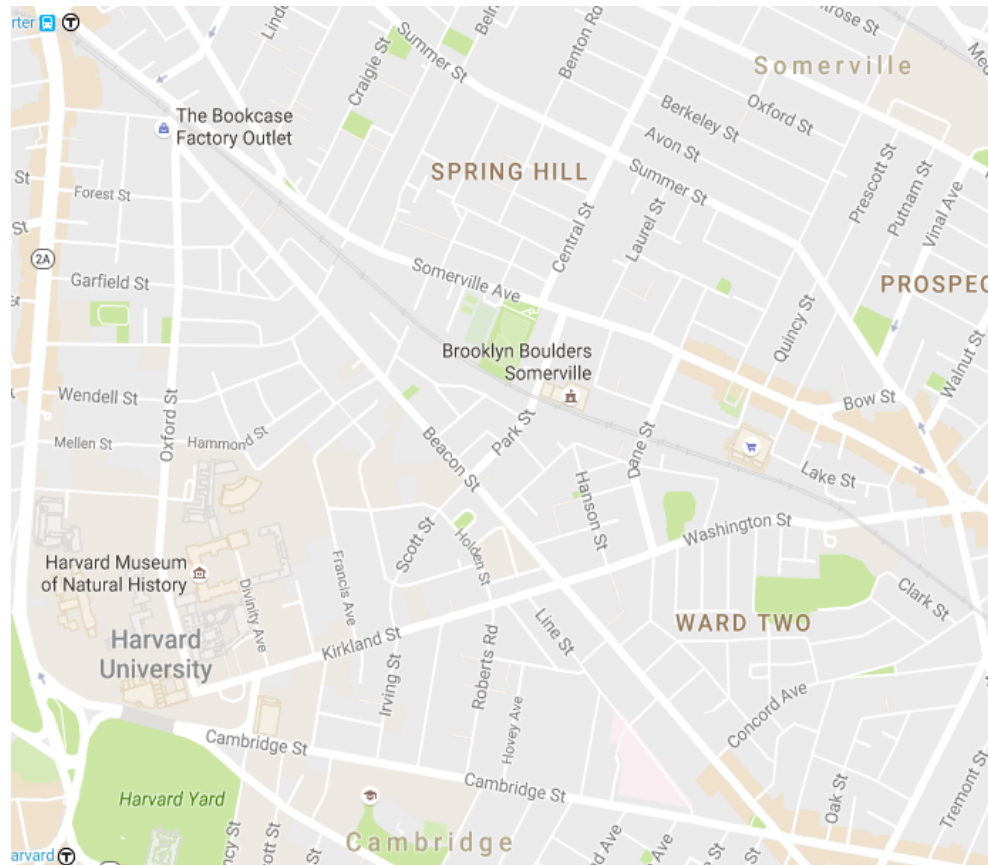


Somerville –Reconstruction of Beacon Street



Somerville – Beacon Street Basics

- Project length is 1.15 miles and extends from Roseland Street to the Cambridge City Line at Dickson Street
- Design Elements include new full depth roadway, sidewalks, cycle track, drainage improvements, concrete paver crosswalks, street lighting, traffic signal installations, curbing, landscaping and streetscape items.
- Construction started on May 16, 2016
- Completion is scheduled for September 16, 2017
- The estimated cost of this contract is \$11 Million

Project Construction Team

- Massachusetts Department of Transportation
- City of Somerville
- Contractor: Newport Construction Corp of Nashua NH
- Consultant: Design Consultants, Inc. of Somerville MA
- City of Cambridge (Traffic Coordination)

Beacon Street Pre-Construction



Beacon Street Under Construction



Beacon Street Post Construction



Roadway Reconstruction

- Roadway reconstruction will consist of 8 inches of HMA Bituminous Concrete, placed in 3 layers, over a dense graded crushed stone and gravel subbase.
- Roadway reconstruction will be performed in 4 phases of approximately 1500 feet each.
- Section 1 extends from Roseland Street to Sacramento Street.
- Section 2 extends from Sacramento Street to Park Street.
- Section 3 extends from Park Street to Calvin Street.
- Section 4 extends from Calvin Street to Dickson Street.



Roadway Reconstruction

- Excavation was required to go deeper in some locations due to poor (clay) existing soil conditions.
- The roadway from Roseland Street to Sacramento Street (Section 1) will be paved the week ending August 19th.
- The roadway from Sacramento Street to Park Street (Section 2) is scheduled for paving the first week of September.



Drainage Construction



Drainage Construction

- Drainage construction to accommodate the new roadway layout is proposed project wide.
- Drainage excavation at Oxford Street was 24 feet deep, in order to access the existing sewer line.
- Numerous field modifications were required due to conflicts with existing utilities.



During Construction, access will be maintained for abutters at all times.



Posted signs notifying Local Business are open.







Upcoming Construction Schedule

- Drainage installation will continue project wide through the remainder of 2016.
- Roadway reconstruction in Section 3 (Park Street to Calvin Street) will start once paving of Section 2 is complete.
- Sidewalk and cycle track construction will start in September near Oxford Street. One side will be constructed at a time and access will be maintained for all residences and businesses.



Subsurface Utility Relocations

Eversource Gas is relocating services project wide, prior to roadway reconstruction, requiring coordination with our construction activity.

Utility Pole Relocations

- NStar Electric is required to set 39 new utility poles project wide, to replace existing poles that conflict with new construction.
- This will require NStar Electric, Comcast, Verizon, and NStar Communication, to transfer overhead lines to the new poles and removal of the old poles.
- In depth scheduling coordination is required.



Vehicular and Bicycle Detours


- During this phase of construction, vehicular traffic is being detoured down Somerville Ave to Park Street.
- Vehicular access is maintained for abutters at all times.
- Pedestrian access to all residences and businesses will be maintained during construction.
- Bicycle detours are also being set up.

Proposed Bike Detour Porter Square to Inman Square


TO INMAN SQ.



DETOUR




TO INMAN SQ.



DETOUR









 **Porter Sq.**


 Turn **left** onto Somerville Ave.


 Turn **right** onto Dane St.


Continue onto Calvin St.


 Turn **left** onto Dimick St.

 Turn **right** onto Concord Ave.

 Turn **left** onto Hammond St.

 Turn **right** onto Dickinson St.

 Turn **left** onto Hampshire St.

 **Inman Sq.**

[HTTP://WWW.SOMERVILLEMA.GOV/BEACONSTREET](http://www.somervillema.gov/beaconstreet)

Proposed Bike Detour Inman Square to Porter Square

TO PORTER SQ.



DETOUR



TO PORTER SQ.



DETOUR







 **Inman Sq.**

 Turn **right** on Concord Ave.

 Turn **left** on Wyatt St.
Wyatt St. becomes Perry St.

 Turn **left** onto Washington St.

 Turn **right** onto Leland St.
Continue onto Dane Ave.

 Turn **right** onto Dane St.

 Turn **left** onto Somerville Ave.

 Turn **left** onto Mass Ave.

 **Porter Sq.**

[HTTP://WWW.SOMERVILLEMA.GOV/BEACONSTREET](http://www.somervillema.gov/beaconstreet)

Construction Mitigation Measures

- A rodent control program was implemented at the start of construction. Baited traps were set up and are monitored on a regular basis.
- Dust control measures are taken on a daily basis, using a combination of calcium chloride and water. Conditions are monitored by onsite engineers and additional measures taken as required.

Resources

- The project web site is managed by the City of Somerville at
[Http://www.somervillema.gov/beaconstreet](http://www.somervillema.gov/beaconstreet)

This page will contain project information, updates and schedule updates.

Complaints/Issues can be brought to our attention by calling the City of Somerville at 311.